AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims

1-17. (Cancelled)

18. (New) A method of coding data in a data package in a data stream, said data package containing information on a source of origin and a destination for the data package, wherein the coding takes place in a coding system containing a plurality of coding algorithms, wherein:

an identification system attaches information to the data package, said information being provided from said information on the source of origin of the data package and its destination;

the coding system utilizes said attached information to select one of said plurality of coding algorithms; and

the coding system codes said data according to the selected coding algorithm.

19. (New) The method according to claim 18, wherein said data package is formed by an Internet protocol.

20. (New) The method according to claim 19, wherein the source of origin and the destination comprise Internet protocol addresses.

21. (New) The method according to claim 18, wherein at least one coding algorithm is of a type which can be coded in a GSM system.

22. (New) The method according to claim 18, wherein at least one coding algorithm is of a type which can be coded in a UMTS system.

23. (New) The method according to claim 18, wherein at least one coding algorithm is of a type which can be coded in a PSTN system.

24. (New) A circuit for coding data in a data package which is included in a data stream, said data package containing information on a source of origin and a destination for the data package, said circuit containing a plurality of coding algorithms, wherein the circuit comprises:

means for providing an identification mark from said information on the source of origin of the data package and its destination, and for attaching said mark to said data package;

means for subsequently selecting one of said plurality of coding algorithms from said attached identification mark; and

means for coding said data according to said selected coding algorithm.

25. (New) The circuit according to claim 24, wherein said data package is formed by an Internet protocol.

26. (New) The circuit according to claim 25, wherein the circuit comprises means for calculating Internet protocol addresses.

27. (New) The circuit according to claim 24, wherein the circuit comprises a coding algorithm of a type which can be coded in a GSM system.

28. (New) The circuit according to claim 24, wherein the circuit comprises a coding algorithm of a type which can be coded in a UMTS system.

29. (New) The circuit according to claim 24, wherein the circuit comprises a coding algorithm of a type which can be coded in a PSTN system.

30. (New) The circuit according to claim 24, wherein the circuit comprises means for indexing a coding algorithm from an identification mark.

31. (New) The circuit according to claim 24, wherein the circuit comprises a digital signal processor.

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